

For Sale by ELLISONS' GROCERY Alma, Mich.



There are a few things you want done before you start driving your Ford this spring. Perhaps your Motor overhauled, the carbon cleaned and the valves ground.

We use Genuine Ford Parts and charge Standard Prices. All work guaranteed.

> C.M. Johnson Proprietor



for a

**Merry Christmas** and

Happy New Year

to Our Patrons

Floyd Luchini

# Regent Cheatre

SUNDAY, DECEMBER 28

#### CONSTANCE TALMADGE

In Her Latest Picture

# "A Virtuous Vamp"

It certainly will please you

SATURDAY and SUNDAY. JAN. 3 and 4

**MABEL NORMAND** 

"Mickey"

If you have never had an opportunity of seeing "Mickey," don't miss it. If you have, Then Come and See It Again

#### MUSCLE SHOALS NATION'S BULWARK

Big \$60,000,000 Nitrate Plant a Defense for Future Generations.

INSURES NATIONAL DEFENSE

Assurance of Abundant American Explosives a Reason Why Germany Quit.

By GARRET SMITH.

One of the chief fortresses of Amer which developed out of the World comessee River, over three hundred illes from the seacoast, capable of a day. It assures to the United States for all time an abundance of ammuniion without which an army is a help ess encumbrance and it has made this unlimited supply of explosives available without resort to raw ma erial from outside of the country.

The essential ingredient of all modern military explosives in nitric acid Before the World War, America was entirely dependent upon Chile for the supply of ultrate of soda, the only hemical from which nitric acid carbe made. In case this country became involved in war with any nation that have us at her mercy, for she comb

Other nations, however, nitrate supply. Germany was pr chasing one-third of it. She had expected to hold the sea with her subfor extracting nitrogen from the six had been obtained by Germany some years before from Italian chemists This process had been successful in producing a high grade nitrogenous fertilizer from which in turn could be extracted ammonium nitrate. Ger many, therefore, fell to manufacturing ammonium nitrate from the air on a

Americans Buy German Secret.

In 1907 an American company, head ed by Frank S. Washburn, had secured the American rights to this process from Germany and had gone into man ufacturing the fertilizer on the Cana dian side of the Niagara Falls. When America found herself in the World War the Ordnance Department turned to Mr. Washburn's company for help. The Air Nitrates Corporation was formed, with Mr. Washburn at its head, to build the Muscle Shoals plant. It was assisted by several other well known corporations, such as the West-Inghouse Church Kerr Company, which out up the plant buildings, the permunent city and utilities; the J. G. White Corporation, which designed and constructed the power plant; the Chemical Construction Company, which de signed and built the nitre and, which and the M. W. Kellogg Company, which furnished the piping and built the chimneys.

Beginning work in November, 1917, he big plant and new city at Musele Shoals was completed within one year's time. Had the expected spring drive of 1919 materialized this one plant alone would have been able to supply 13 per cent, of all the high explosives used by all the Allied arnies on all fronts during that drive and the United States was secure for all time to come against an ammuni

on shortage. When the arrangement was finally cade for building the big air nitrate plant, work was begun on a power low at the same point. This work is eing conducted directly by the Unit of States Engineering Corps. It will not be completed, however, for two or loves more years. It was necessary herefore, in order to insure immeliate operation when the nitrate plant as completed to construct a \$10,000, (a) steam power plant, one of the largst steam plants for the production of optimuous electric power in the world. s pointed out that even had the water-power plant been completed durwar it would have been necesary also to have constructed a steam plant to insure the nitrate plant working at full capacity at all times dur-

Plant Worth All It Cost.

Now, this entire Job cost the Governgent \$60,000,000. It was put through at a time when the prices of materials and labor were at their summit. It was built at record speed, and speed costs money. The question naturally rises, then, as to whether Uncle Sam ot his money's worth.

Tests made after the plant was in peration showed that ammonium nirate of standard specifications could be produced at this plant at a cost of less than one-half the standard fixed price paid by the Government for amnonium nitrate produced by the older methods. This cost is only about one fourth to one-fifth the cost of othe high explosives of equal strength. Compared with the older process for making ammonium ultrate, the savings made by this plant would have paid for the entire plant in about one and one-bulf years of operation.

The chief value of the Muscle Shoals elant, however, will be as a defense to

coming generations. lodine for Scratches. Scratches on dark oak furniture may

be greatly improved in appearance by carefully painting the scars with lo dine, using as many coats as neces sary to produce the desired depth or color. When this is dry go over the whole piece of furniture with a good furniture polish.

Aluminum From Lambdor Stone. A factory in Norway claims to ob tain aluminum from Lambdor stone heretofore regarded as valueless.



## Get Clothes Now

The Entire Family Can Dress Up-to-the-Minute on Our Easy Payment Plan

Wear good clothes, look right, be warm and comfortable. We clothe men, women, youths, misses and children and let them pay for the garments in small weekly payments. Come in and get acquainted with our novel "Just Say Charge It" Plan.

Women's and Misses'

**Fur-Trimmed** COATS

of New Designs

Meeting the need of the winter days, these wonderful and youthful designs, modeled in the latest fashions, revealing the lavish use of fur, are these choice silvertone, broadcloth and velour materials, lined in the very best silk on fabrics of many pleasing designs. JUST SAY "CHARGE IT!"

Men's and Women's Sweaters

A beautiful line to choose from, all sizes; price

\$8.50 to \$14.00

JUST SAY "CHARGE IT!"

#### **New Frocks**

OF SILK AND TRICOTINE

The very latest of winter fashions, emphasizing by many graceful ornamentations that make these creations more than fascinating. All the new shades are shown, and all specially priced at-

\$19.95

EXTRA SPECIAL

Jersey Dresses

Our entire stock of jersey dresses are the newest styles and patterns; values up to \$45 Saturday only-

\$16.95

#### Luxurious Winter Coats

Embodying many plain and tailored modes of pleasing pompom, silvertone, broadcloth, plush and yalama materials, in every new and attractive shade.

JUST SAY "CHARGE IT!"

#### **Girl's Coats**

In all their newest creations, many of which are exact replicas of their older models, in every wanted size-

\$6.95 to \$12.98

JUST SAY "CHARGE IT!"

#### **New Dresses**

OF SERGE AND SATIN COMBINATIONS

Dame Fashion's latest offerings, direct from our New York designers. Just the proper garments for the demands of the busy winter season. Many models in becoming straightline effects. Others are beaded and embroidered. The materials include serges, satins and tricotines; also combinations of serge and satin. You'll find them irresistible in color effects and stylish of appearance and worth in price fully one-third more than we ask

### **Buy Your Overcoat Tomorrow!**



Nobby Overcoats

Men's and Youths' all wool, snappy, formfitting models, and many loose flaring effects, in the best meltons, cheviots and other mixtures, in a variety of pleasing shades; sizes for every man.

Boys' Mackinaws and Suits

**\$**9.95

The many new plaid and plain designs in these useful cold-weather garments will please every boy. Special priced at \$9.95.

JUST SAY "CHARGE IT!"

Snappy Suits

These smart double-breasted and singlebreasted models in wool fabrics of flannels, cassimeres, cheviots and worsteds; some belted, others semidignified, and all handmade in an attractive assortment of new patterns.

JUST SAY "CHARGE IT!"

No extra charge above the actual value of the garment, no embarrassing questions; all you need on your own terms.

NO CHARGE FOR ALTERATIONS

ational OPEN SATURDAY UNTIL 10 P. M. CLOTHING CO. 

OPEN SATURDAY UNTIL 10 P. M.

W. M. BASTON, Manager

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